Multi Media Card

	MultiMedia Card Interface			SPI Interface		
Pin	**Name**	**Type**	**Description**	**Name**	**Type**	**Description**
1	RSV	NC	Reserved for future use	CS	I	Chip Select (Active Low)
2	CMD	In/Out: OD/PP	Command/Response	DI	I/PP	Data In
3	VSS_1	S	Supply Voltage Ground	VSS_1	S	Supply Voltage Ground
4	VDD	S	Supply Voltage	VDD	S	Supply Voltage
5	CLK	I	Clock	CLK	I	Clock
6	VSS_2	S	Supply Voltage Ground	VSS_2	S	Supply Voltage Ground
7	DAT	In/Out: PP	Data	DO	O/PP	Data Out

Physical Dimension Specifications (Units in mm)

Type	Measurement
Length	24mm+/- 0,1mm
Width	18mm+/- 0,08mm
Thickness	1,4mm+/- 0,1mm
Weight	0,8g max.

Environment Specifications

Type		Standard
Temperature	Operating	-0°C to 70°C
	Non-Operating	-10°C to 80°C
Humidity	Operating	8% to 95%, non-condensing
	Non-Operating	8% to 95%, non-condensing
Vibration	Operating	15G peak-to-peak Max.
	Non-Operating	15G peak-to-peak Max.
Shock	Operating	1.000G Max.
	Non-Operating	1.000G Max.
Altitude	Operating	80.000 feet Max.
	Non-Operating	80.000 feet Max.

Key Features:

- Sleep to write: 1,0ms max.
- Sleep to read: 1,0ms max.
- Reset to ready: 50ms typical
- Data transfer rate: up to 2,5MB/sec. max

Bestell-Nr./Order No.:

MSXXXMMC010

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